

Title (en)

Distillation column with vapour stripping.

Title (de)

Destillationskolonne mit Dampf als Abtreibmittel.

Title (fr)

Colonne de distillation avec entraînement à la vapeur dit "stripping".

Publication

EP 0063448 A1 19821027 (EN)

Application

EP 82301820 A 19820406

Priority

GB 8112406 A 19810422

Abstract (en)

A distillation column houses a separator (16) having a vapour inlet (18), a vapour outlet (19) and a distributor (20), the separator (16) being located beneath the trays (1-4) of the column. The vapour outlet (19) is directed towards the tray (1) and the distributor (20) is located so as to prevent liquid dripping from a tray (1) onto the vapour outlet (19). The separator (16) separates and collects stripping vapour condensate from the stripping vapour supplied to the column, thereby avoiding or at least minimising the risk of internal eruptions caused by instantaneous vaporisation of condensate entrained through the distributor (20) to the hot bottoms product in the column. Heat transfer within the column to the condensate collected in the separator (16) increases the rate of revapourisation of that condensate, thereby reducing or obviating the need for periodic draining off of condensate.

IPC 1-7

B01D 3/38

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

[A] GB 2012176 A 19790725 - EXXON RESEARCH ENGINEERING CO

Cited by

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